Terminal Finish Part Marking

IPC/JEDEC Joint Standard J-STD-609A.01 defines various categories describing the terminal finish or solder ball material of components with symbols e0 through e9. Analog Devices currently uses the following markings on LT prefixed parts.

Pb-containing

e0 – contains intentionally added Pb

Pb-free

e1 – tin-silver-copper (SnAgCu) with silver content greater than 1.5% and no other intentionally added elements

e3 – tin (Sn)

e4 – gold (Au)

The symbol e0, e1, e3, or e4 is added to the product top marking of larger packages. The symbol e0, e1, e3, or e4 is marked on the same line as the date code or the trace code. There is no change to the line that contains the part number.

For Lead (Pb) free packages that are too small to accommodate the e3, a "<" symbol is added to the device at the pin 1 location. Pb-free 2mm X 2mm and 3mm X 2mm packages are identified by rearranging the trace code marking of the device.

©2026 Analog Devices, Inc. All rights reserved.